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Claims

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1. (original) A handheld power tool having a motor (10), a planetary gear (12) and a tool receptacle (4), characterized by an air-moving means (46, 78), located upstream the motor (10), out of sight of the tool receptacle (4), for generating a cooling air stream that cools the planetary gear (12).

2. (original) The handheld power tool as defined by claim 1, characterized in that the air-moving means (46, 78) is integrated with the planetary gear (12).

3. (currently amended) The handheld power tool as defined by claim 1 or 2, characterized in that the air-moving means (46, 78) is located between the motor (10) and a gear stage of the planetary gear (12).

4. (currently amended) The handheld power tool as defined by ~~one of the foregoing claims~~ claim 1, characterized in that the air-moving means (46, 78) is provided for generating a cooling air stream flowing through the planetary gear (12).

5. (currently amended) The handheld power tool as defined by ~~one of the foregoing claims~~ claim 1, characterized by a housing having at least one first and one second ventilation opening (66, 68) and at least one ventilation conduit, which extends continuously from the first ventilation opening (68) through the planetary gear (12) to the second ventilation opening (66).

6. (currently amended) The handheld power tool as defined by ~~one of the foregoing claims~~ claim 1, characterized by a coupling region (38) and at least one ventilation conduit that extends continuously from the coupling region (38) to the motor (10).

7. (currently amended) The handheld power tool as defined by ~~one of the foregoing claims~~ claim 1, characterized in that the air-moving means (46, 78) is located in the immediate vicinity of a gear wheel of the planetary gear (12).

8. (currently amended) The handheld power tool as defined by ~~one of the foregoing claims~~ claim 1, characterized in that the air-moving means (46, 78) is

rotatable in two directions of rotation and in both directions of rotation generates an air stream in the same direction.

9. (currently amended) The handheld power tool as defined by ~~one of the foregoing claims~~ claim 1, characterized in that the air-moving means (78) has blades (86) with at least two blade faces (88, 90), and one blade face (88), in a first direction of rotation, directs the air at least partly in an axial direction (54), and the other blade face (90), in a second direction of rotation opposite the first direction of rotation, directs the air at least partly in the same axial direction (54).

10. (currently amended) The handheld power tool as defined by ~~one of the foregoing claims~~ claim 1, characterized in that the air-moving means (46, 78) generates an air stream directed in the radial direction (58) and includes a deflection means for deflecting the air stream in the axial direction (54).